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Deepakraj M. Divan, et al.

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2838

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
738		5,157,319	10/20/92	Klontz, et al.			
738		5,198,746	3/30/93	Gyugyi, et al.			
738		5,301,096	4/5/94	Klontz, et al.			
738		5,329,222	7/12/94	Gyugyi, et al.			
738		5,341,083	8/23/94	Klontz, et al.			
738		5,341,280	8/23/94	Divan, et al.			
738		5,343,139	8/30/94	Gyugyi, et al.			
738		5,465,203	11/7/95	Bhattacharya, et al.			
738		5,469,044	11/21/95	Gyugyi, et al.			
738		5,513,090	4/30/96	Bhattacharya, et al.			
738		5,610,501	3/11/97	Nelson, et al.			
738		5,642,007	6/24/97	Gyugyi, et al.			
738		5,646,511	7/8/97	Akamatsu, et al.			
738		5,698,969	12/16/97	Gyugyi			
738		5,754,035	5/19/98	Sen			
738		5,814,975	9/29/98	Nelson, et al.			
738		5,883,796	3/16/99	Cheng, et al.			
738		5,905,367	5/18/99	Hochgraf			
738		6,087,916	7/11/00	Kutkut, et al.			
738		6,118,676	9/12/00	Divan, et al.			
738		6,172,488	1/9/01	Mizutani, et al.			
738		6,396,172	5/28/02	Couture			
738		6,462,518	10/8/02	Fischer, et al.			
738		6,486,569	11/26/02	Couture			
738		2003/0006652	1/9/03	Couture			

FOREIGN PATENT DOCUMENTS								
PIPE JCT FEB 14 2004 PATENT & TRADEMARK OFFICE	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
738		D.M. Divan, "Nondissipative Switched Networks for High-Power Applications," Electronics Letters, Vol. 20, No. 6, 15 March 1984, pp. 277-279.						
738		Laszlo Gyugyi, "Dynamic Compensation of AC Transmission Lines by Solid-State Synchronous Voltage Sources," IEEE Transactions on Power Delivery, Vol. 9, No. 2, April, 1994, pp. 904-911.						
738		L. Gyugyi, et al., "The Unified Power Flow Controller: A New Approach to Power Transmission Control," IEEE Transactions on Power Delivery, Vol. 10, No. 2, April, 1995, pp. 1085-1097.						
738		Narain G. Hingorani, "Introducing Customer Power," IEEE Spectrum, June, 1995, pp. 41-48.						
738		F.D. Galiana, et al., "Assessment and Control of the Impact of Facts Devices on Power System Performance," IEEE Transactions on Power Systems, Vol. 11, No. 4, November, 1996, pp. 1931-1936.						
738		Hirohito Funato, et al., "Realization of Negative Inductance Using Variable Active-Passive Reactance (VAPAR), IEEE Transactions on Power Electronics, Vol. 12, No. 4, July, 1997, pp. 589-596.						
738		C. Schauder, et al., "Operation of ± 100 MVAR TVA STATCON," IEEE Transactions on Power Delivery, Vol. 12, No. 4, October, 1997, pp. 1805-1811.						
738		A.S. Mehraban, et al., "Installation, Commissioning, and Operation of the World's First UPFC on the AEP System," IEEE, April, 1998, pp. 323-327.						
738		C.D. Schauder, et al., "Operation of the Unified Power Flow Controller (UPFC) Under Practical Constraints," IEEE Transactions on Power Delivery, Vol. 13, No. 2, April, 1998, pp. 630-639.						
738		Laszlo Gyugyi, et al., "The Interline Power Flow Controller Concept: A New Approach to Power Flow Management in Transmission Systems," IEEE Transactions on Power Delivery, Vol. 14, No. 3, July, 1999, pp. 1115-1123.						
738		B.A. Renz, et al., "AEP Unified Power Flow Controller Performance," IEEE Transactions on Power Delivery, Vol. 14, No. 4, October, 1999, pp. 1374-1381.						
738		P.K. Dash, et al., "Digital Protection of Power Transmission Lines in the Presence of Series Connected FACTS Devices," Power Engineering Society Winter Meeting, 2000.						

		Joseph Mutale, et al., "Transmission Network Reinforcement Versus FACTS: An Economic Assessment," IEEE Transactions on Power Systems, Vol. 15, No. 3., August, 2000, pp. 961-967.
		Carsten Lehmkoetter, "Security Constrained Optimal Power Flow for an Economical Operation of FACTS-Devices in Liberalized Energy Markets," IEEE Transactions on Power Delivery, Vol. 17, No. 2, April, 2002, pp. 603-608.
BS		H.V. Hitzeroth, et al., "Compensation, Stability and Losses in the Presence of Wheeling Transactions with use of FACTS Devices, p. 149. DATE? <i>AS</i>
EXAMINER <i>Brett Squires</i>	DATE CONSIDERED 05/31/2005	
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